



A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F27D21/00 F27D1/16

Rec'd PCT/PTO 22 FEB 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 F27D C21C B22D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Х	US 4 107 244 A (OCHIAI TSUNEMI ET AL) 15 August 1978 (1978-08-15) claims 1,6-10 column 4, line 7 - line 68 column 5, line 17 - line 26 column 6, line 62 -column 7, line 26 column 8, line 66 -column 9, line 2	1-15		
Ρ,Χ	US 2002/158368 A1 (WIRTH EMIL J) 31 October 2002 (2002-10-31) paragraphs '0044!-'0049!; claims 3,9-12	1–13		
А	US 4 649 858 A (NARITA YUJI ET AL) 17 March 1987 (1987-03-17) column 4, line 9 - line 50; claim 1	1-15		

mbers are listed in annex.
ed after the international filing date of in conflict with the application but the principle or theory underlying the relevance; the claimed invention novel or cannot be considered to tep when the document is taken alone relevance; the claimed invention to involve an inventive step when the d with one or more other such docu- tion being obvious to a person skilled the same patent family
international search report
Junquera, J
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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	US 5 212 738 A (CHANDE ALHAD M ET AL) 18 May 1993 (1993-05-18) claims 1-20	1-15		
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TIONAL SEARCH REPORT

Information on patent family members

PCT/EP 03/05332

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